



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/731,731-Conf. #5156	
			Filing Date	December 9, 2003	
			First Named Inventor	Jeffrey Balzer	
			Art Unit	3762	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	5	Attorney Docket Number	337348040US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SB		US-09/978,134		Gliner	
		US-10/742,579		Gliner	
		US-10/072,700		Firlik	
		US-10/731,892		Sheffield	
		US-2002-0028072	03-07-2002	Ritsuo Kashiya	
		US-2002-0099412	07-25-2002	David Fischell	
		US-2002-0169485	11-14-2002	Benjamin Pless	
		US-3,650,276	03-21-1972	Burghelle et al.	
		US-4,140,133	02-20-1979	Kastrubin et al.	
		US-4,542,752	09-24-1985	ABEL DEHAAN	
		US-4,607,639	08-26-1986	EMIL A. TANAGHO	
		US-4,646,744	03-03-1987	IFOR D. CAPEL	
		US-4,844,075	07-04-1989	SAUL LISS	
		US-4,865,048	09-12-1989	HAROLD ECKERSON	
		US-5,002,053	03-26-1991	EDGAR GARCIA-RILL	
		US-5,031,618	07-16-1991	KEITH R. MULLETT	
		US-5,092,835	03-03-1992	JANET L. S. SCHURIG	
		US-5,143,089	09-01-1992	ECKHARD ALT	
		US-5,169,384	12-08-1992	STEPHEN L. BOSNIAK	
		US-5,215,086	06-01-1993	REESE S. TERRY	
		US-5,224,491	07-06-1993	RAHUL MEHRA	
		US-5,255,678	10-26-1993	ANTOINE DESLAURIERS	
		US-5,304,206	04-19-1994	ROSS G. BAKER	
		US-5,358,513	10-25-1994	JACK H. POWELL	
		US-5,370,672	12-06-1994	KIM R. FOWLER	
		US-5,411,540	05-02-1995	DAVID J. EDELL	
		US-5,417,719	05-23-1995	VINCENT W. HULL	
		US-5,423,864	06-13-1995	JAN LJUNGSTROEM	
		US-5,537,512	07-16-1996	YUKUN HSIA	
		US-5,540,736	07-30-1996	YECHIEL HAIMOVICH	
		US-5,549,655	08-27-1996	DONALD J. ERICKSON	
		US-5,591,216	01-07-1997	ROY L. TESTERMAN	
		US-5,593,432	01-14-1997	DONN YOUNCE	
		US-5,628,317	05-13-1997	WARREN STARKEBAUM	
		US-5,683,422	11-04-1997	MARK T. RISE	
		US-5,702,429	12-30-1997	GARY W. KING	
		US-5,711,316	01-27-1998	DENNIS D. ELSEBERRY	
		US-5,713,922	02-03-1998	GARY W. KING	
		US-5,713,923	02-03-1998	SCOTT R. WARD	
		US-5,716,377	02-10-1998	MARK T. RISE	
		US-5,722,401	03-03-1998	SUSAN M. PIETROSKI	
		US-5,735,814	04-07-1998	DENNIS D. ELSEBERRY	
		US-5,752,979	05-19-1998	ALIM L. BENABID	
		US-5,782,798	07-21-1998	MARK T. RISE	
		US-5,792,186	08-11-1998	MARK T. RISE	
		US-5,797,970	08-25-1998	YVES POUVREAU	

Examiner Signature	S. B.	Date Considered	9/13/06
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56	US-5,814,014	09-29-1998	DENNIS D. ELSEBERRY	
	US-5,814,092	09-29-1998	GARY WILLIAM KING	
	US-5,824,021	10-20-1998	MARK T. RISE	
	US-5,832,932	11-10-1998	DENNIS D. ELSEBERRY	
	US-5,833,709	11-10-1998	MARK T. RISE	
	US-5,843,148	12-01-1998	JOHANNES T. M. GJISBERS	
	US-5,843,150	12-01-1998	CHRIT W. DRESSEN	
	US-5,885,976	03-23-1999	REUVEN SANDYK	
	US-5,886,769	03-23-1999	A. J. ZOLTEN	
	US-5,893,883	04-13-1999	NATHAN A. TORGERSON	
	US-5,904,916	05-18-1999	ALAN R. HIRSCH	
	US-5,913,882	06-22-1999	GARY WILLIAM KING	
	US-5,925,070	07-20-1999	GARY W. KING	
	US-5,938,688	08-17-1999	NICHOLAS D. SCHIFF	
	US-5,938,689	08-17-1999	ROBERT E. FISCHELL	
	US-5,941,906	08-24-1999	FRANCISCO J. BARRERAS	
	US-5,964,794	10-12-1999	ARMIN BOLZ	
	US-5,975,085	11-02-1999	MARK T. RISE	
	US-5,978,702	11-02-1999	SCOTT R. WARD	
	US-5,983,140	11-09-1999	BRIAN T. SMITH	
	US-6,006,124	12-21-1999	ROBERT E. FISCHELL	
	US-6,011,996	01-04-2000	FRANS L. H. GIELEN	
	US-6,016,449	01-18-2000	ROBERT E. FISCHELL	
	US-6,018,682	01-25-2000	MARK T. RISE	
	US-6,021,352	02-01-2000	MARK A. CHRISTOPHERSON	
	US-6,026,326	02-15-2000	GUST H. BARDY	
	US-6,042,579	03-28-2000	DENNIS D. ELSEBERRY	
	US-6,052,624	04-18-2000	CARLA M. MANN	
	US-6,055,456	04-25-2000	MARTIN THEODORE GERBER	
	US-6,057,847	05-02-2000	BARRY JENKINS	
	US-6,058,331	05-02-2000	GARY W. KING	
	US-6,060,048	05-09-2000	BRUCE D. CHERKSEY	
	US-6,061,593	05-09-2000	ROBERT E. FISCHELL	
	US-6,066,163	05-23-2000	MICHAEL S. JOHN	
	US-6,104,956	08-15-2000	DEAN K. NARITOKU	
	US-6,104,960	08-15-2000	VICTOR DUYSSENS	
	US-6,122,548	09-19-2000	WARREN STARKEBAUM	
	US-6,126,657	10-03-2000	STUART D. EDWARDS	
	US-6,128,537	10-03-2000	MARK T. RISE	
	US-6,128,538	10-03-2000	ROBERT E. FISCHELL	
	US-6,134,474	10-17-2000	Robert Fischell	
	US-6,152,143	11-28-2000	STUART D. EDWARDS	
	US-6,161,044	12-12-2000	LEON M. SILVERSTONE	
	US-6,161,045	12-12-2000	ROBERT E. FISCHELL	
	US-6,353,754	03-05-2002	David Fischell	
	US-6,354,299	03-12-2002	David Fischell	
	US-6,360,122	03-19-2002	Robert Fischell	
	US-6,427,086	07-30-2002	Robert Fischell	
	US-6,459,936	12-27-2001	Robert Fischell	
V	US-6,466,822	10-15-2002	Benjamin Pless	

Examiner Signature	S-G.	Date Considered	9/13/06
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56	US-6,473,639	10-29-2002	David Fischell	
	US-6,480,743	11-12-2002	Bruce Kirkpatrick	
	US-60/325,872		Sheffield	
	US-60/325,978		Gliner	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Sheet 4 of 5	Attorney Docket Number	337348040US1	

56	FRANZINI et al., "Reversal of thalamic hand syndrome by long-term motor cortex stimulation," Journal of Neurosurgery 93:873-875 (2000)
1	NETZ et al., "Reorganization of motor output in the non-affected hemisphere after stroke," Brain, 120, pp. 1579-1586 (1997)
	SANES, J. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annual Review of Neuroscience 23:393-415 (2000)
	DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996)
	KOPELL et al., "The Continuing Evolution of Psychiatric Neurosurgery," CNS Spectrums, Vol. 5, No. 10, pp. 20-31 (October 2000)
	TURTON et al., "Contralateral and ipsilateral EMG responses to transcranial magnetic stimulation during recovery of arm and hand function after stroke," Electroencephalography and Clinical Neurophysiology 101 pp. 316-328 (1996)
	VAN DER LEE et al., "The Intra- and Interrater Reliability of the Action Research Arm Test: A Practical Test of Upper Extremity Function in Patients With Stroke," Arch. Phys. Med. Rehabil., Vol. 82 pp. 14-19 (January 2001)
	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience 18(3):1115-1123 (February 1998)
	COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," The Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)
	LIEPERT et al., "Treatment-Induced Cortical Reorganization After Stroke in Humans," Stroke, 31:1210-1216 (2000)
	GLADSTONE et al., "Enhancing Recovery after Stroke with Noradrenergic Pharmacotherapy: A New Frontier?," Can J. Neurol. Sci., Vol. 27, No. 2 (May 2000)
	PASCUAL-LEONE et al., "Transcranial magnetic stimulation and neuroplasticity," Neurophysiologia 37, pp. 207-217 (1999)
	CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation after Advanced Parkinson's Disease: Case Report," Movement Disorders, 15(1):169-171, 2000
	International Search Report for Application No. PCT/US02/32695; Applicant: Vertis Neuroscience, Inc.; December 27, 2002; 9 pgs; European Patent Office
	International Search Report for Application No. PCT/US02/07077; Applicant: Vertis Neuroscience, Inc., October 22, 2002, 7 pgs.
	STEFAN et al., "Induction of plasticity in the human motor cortex by paired associative stimulation," Brain, 123, pp. 572-584 (2000)
	PASCUAL-LEONE et al., "Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation," Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)
	SCHIFF et al., "A neuromodulation strategy for rational therapy of complex brain injury states," Neurological Research, Vol. 22 pp. 267-272 (April 2000)
	SHIMIZU et al., "Therapeutic efficacy of transcranial magnetic stimulation for hereditary spinocerebellar degeneration," Tohoku Journal of Experimental Medicine, 189(3):203-11 (November 1999)
	ROUX et al., "Chronic Motor Cortex Stimulation for Phantom Limb Pain: A Functional Magnetic Resonance Imaging Study: Technical Cast Report," Neurosurgery, Vol. 49, No. 3 (March 2001)
	KAUHANEN et al., "Domains and Determinants of Quality of Life After Stroke Caused by Brain Infarction," Arch. Phys. Med. Rehabil., Vol. 81, pp. 1541-1546 (December 2000)
	BUTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 7, pp. 3661-3665 (March 2000)
	REZAI, "Neurostimulation," Neurological Research, Vol. 22, No. 3 pp. 235-273 (April 2000)
V	BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta

Examiner Signature	S. E.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

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Sheet	5	of	5	Attorney Docket Number 337348040US1

56		Neurochirurgica, Suppl. 52, pp. 121-123 (1991)	
		SANDKUHLER, "Learning and memory in pain pathways," Pain 88, pp. 113-118 (2000)	
		SANES, "The Relation between Human Brain Activity and Hand Movements," NeuroImage 11, pp. 370-374 (2000)	
		WALKER-BATSON et al., "Amphetamine Paired With Physical Therapy Accelerates Motor Recovery After Stroke," Stroke, Vol. 26, No. 12, pp. 2254-2259 (1995)	
		SANES, J.N. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annu. Rev. Neurosci. 23:393-415 (2000)	
		SAITOU et al., "Cerebral Blood Volume and Oxygenation Among Poststroke Hemiplegic Patients: Effects of 13 Rehabilitation Tasks Measured by Near-Infrared Spectroscopy," Arch. Phys. Med. Rehabil., Vol. 81 pp. 1348-1356 (October 2000)	
		TURTON, A. and LEMON, R.N., "The contribution of fast corticospinal input to the voluntary activation of proximal muscles in normal subjects and in stroke patients," Exp. Brain Res., Vol. 129, pp. 559-572 (1999)	
		STEFAN et al., "Introduction of plasticity in the human motor cortex by paired associative stimulation," Brain, Vol. 123, No. 3, pp. 575-584 (March 2000)	
		ROSSI et al., "Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans," Cerebral Cortex, Vol. 10, No. 8, pp. 802-808 (August 2000)	
		HODGE, JR., C.J. and BOAKYE, M., "Biological Plasticity: The Future of Science in Neurosurgery," Neurosurgery, Vol. 48, No. 1 (January 2001)	
		GORDON et al., "Parameters for direct cortical electrical stimulation in the human: histopathologic confirmation," Electroencephalography and clinical Neurophysiology, Vol. 75, pp. 371-377 (1990)	
		CLASSEN, et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998)	
		ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience, Vol. 18, No. 3, pp. 1115-1123 (February 1998)	
V		SIEBNER et al., "Lasting cortical activation after repetitive TMS of the motor cortex," NEUROLOGY 54, pp. 956-963 (February 2000)	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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		Number-Kind Code ² (if known)			
SG		2002/0091419	07-11-2002	Firlik et al.	
		2003/0074032	04-17-2003	Gliner	
		2003/0078633	04-24-2003	Firlik et al.	
		2003/0088274	05-08-2003	Gliner et al.	
		2003/0097161	05-22-2003	Firlik et al.	
		2003/0125772	05-04-2004	Olson et al.	
		2003/0130706	07-10-2003	Sheffield et al.	
		2003/0149457	08-07-2003	Tcheng et al.	
		2003/0176901	09-18-2003	May	
		2003/0187490	10-02-2003	Gliner	
		2003/0187491	10-02-2003	Greenberg et al.	
		2004/0073270	04-15-2004	Firlik et al.	
		2004/0082847	04-29-2004	McDermott	
		2004/0092809	05-13-2004	DeCharms	
		2004/0102828	05-27-2004	Lowry et al.	
		2004/0111127	06-10-2004	Gliner et al.	
		2004/0138550	07-15-2004	Hartlep et al.	
		2004/0158298	08-12-2004	Gliner et al.	
		2004/0176831	09-09-2004	Gliner et al.	
		2004/0181263	09-16-2004	Balzer et al.	
		2004/0215287	10-28-2004	Swoyer et al.	
V		2004/0236388	11-25-2004	Gielen et al.	

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337348040US1

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56	2004/0243205	12-02-2004	Keravel et al.	
	2004/0249422	12-09-2004	Gliner et al.	
	2005/0004620	01-06-2005	Singhal et al.	
	2005/0015129	01-20-2005	Mische	
	2005/0021105	01-27-2005	Firlik et al.	
	2005/0021106	01-27-2005	Firlik et al.	
	2005/0021107	01-27-2005	Firlik et al.	
	2005/0021118	01-27-2005	Genau et al.	
	2005/0033378	02-10-2005	Sheffield et al.	
	2005/0070971	03-31-2005	Fowler et al.	
	2005/0075679	04-07-2005	Gliner et al.	
	2005/0075680	04-07-2005	Lowry et al.	
	2005/0096701	05-05-2005	Donovan et al.	
	2005/0113882	05-26-2005	Cameron et al.	
	2005/0119712	06-02-2005	Shafer	
	2005/0154425	07-14-2005	Boveja et al.	
	2005/0154426	07-14-2005	Boveja et al.	
	2006/0015153	01-19-2006	Gliner et al.	
	2006/0106430	05-18-2006	Fowler et al.	
	2006/0106431	05-18-2006	Wyller et al.	
	2,721,316	10-18-1955	Shaw	
	3,628,193	12-21-1971	Collins	
	4,030,509	06-21-1977	Heilman et al.	
	4,125,116	11-14-1978	Fischell	
V	4,214,804	07-29-1980	Little	

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-----------------------	------	--------------------	---------

337348040US1

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Sheet	3	of	11	Attorney Docket Number	337348040US1

56	4,245,645	01-20-1981	Picard et al.	
	4,328,813	05-11-1982	Ray	
	4,431,000	12-14-1984	Butler et al.	
	4,474,186	10-02-1984	Ledley et al.	
	4,590,946	05-27-1986	Loeb	
	4,969,468	11-13-1990	Byers et al.	
	5,024,226	06-18-1991	Tan	
	5,054,906	10-08-1991	Lyons, Jr.	
	5,063,932	11-12-1991	Dahl et al.	
	5,121,754	06-16-1992	Mullett	
	5,184,620	02-09-1993	Cudahy et al.	
	5,263,967	11-23-1993	Lyons, III et al.	
	5,271,417	12-21-1993	Swanson et al.	
	5,282,468	02-01-1994	Klepinski	
	5,299,569	04-05-1994	Wernicke et al.	
	5,314,458	05-24-1994	Najafi et al.	
	5,405,375	04-11-1995	Ayers et al.	
	5,406,957	04-18-1995	Tansey	
	5,464,446	11-07-1995	Dreessen et al.	
	5,520,190	05-28-1996	Benedict et al.	
	5,549,655	08-27-1996	Erickson	
	5,562,708	10-08-1996	Combs et al.	
	5,575,813	11-19-1996	Edell et al.	
	5,601,611	02-11-1997	Fayram et al.	
V	5,674,251	10-07-1997	Combs et al.	

Examiner Signature	S. G.	Date Considered	9/13/06
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337348040US1

PTO-SB-08a-b (07-05)

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Substitute for form 1449A-B-PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
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				First Named Inventor	Jeffrey Balzer
				Art Unit	3762
				Examiner Name	S. M. Getzow
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56	5,676,655	10-14-1997	Howard, III et al.	
	5,772,591	06-30-1998	Cram	
	5,782,873	07-21-1998	Collins	
	5,824,030	10-20-1998	Yang et al.	
	5,843,150	12-01-1998	Dreessen et al.	
	5,865,842	02-02-1999	Knuth et al.	
	6,035,236	03-07-2000	Jarding et al.	
	6,198,958	03-06-2001	Ives et al.	
	6,205,360	03-20-2001	Carter et al.	
	6,210,417	04-03-2001	Baudino et al.	
	6,221,908	04-24-2001	Kilgard et al.	
	6,230,049	05-08-2001	Fischell et al.	
	6,236,892	05-22-2001	Feler	
	6,264,944	07-24-2001	Douglas Smith	
	6,280,462	08-28-2001	Hauser et al.	
	6,301,493	10-09-2001	Marro et al.	
	6,339,725	01-15-2002	Naritoku et al.	
	6,356,792	03-12-2002	Joseph Errico	
	6,366,813	04-02-2002	DiLorenzo	
	6,375,666	04-23-2002	Mische	
	6,405,079	06-11-2002	Ansarinia	
	6,418,344	01-01-2001	Ali Rezai	
	6,463,328	10-08-2002	John	
	6,464,356	10-15-2002	Bernhard Sabel	
V	6,484,059	11-19-2002	Gielen	

Examiner Signature	S. B.	Date Considered	9/13/06
-----------------------	-------	--------------------	---------

337348040US1

PTO-SB-08a-b (07-05)

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				First Named Inventor	Jeffrey Balzer
				Art Unit	3762
				Examiner Name	S. M. Getzow
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56	6,487,450	11-26-2002	Chen	
1	6,499,488	12-31-2002	Hunter et al.	
	6,505,075	01-07-2003	Weiner	
	6,507,755	01-14-2003	Gozani et al.	
	6,556,868	04-29-2003	Naritoku et al.	
	6,597,954	07-22-2003	Pless et al.	
	6,615,065	09-02-2003	Barrett et al.	
	6,622,048	09-16-2003	Carla Mann	
	6,633,780	10-14-2003	Berger	
	6,665,562	12-16-2003	Gluckman et al.	
	6,687,525	05-09-2002	Rodolfo Llinas	
	6,690,974	02-10-2004	Archer et al.	
	6,725,094	04-20-2004	Saberski	
	6,764,498	07-20-2004	Mische	
	6,782,292	08-24-2004	Whitehurst	
	6,795,737	09-21-2004	Gielen et al.	
	6,810,286	10-26-2004	Donovan et al.	
	6,839,594	01-04-2005	Cohen et al.	
	6,873,872	03-29-2005	Gluckman et al.	
	6,892,097	05-10-2005	Holsheimer	
	6,895,280	05-17-2005	Meadows et al.	
	6,907,296	06-14-2005	Doan et al.	
	6,934,580	08-23-2005	Osorio et al.	
	6,944,497	09-13-2005	Stypulkowski	
V	6,959,215	10-25-2005	Gliner et al.	

Examiner Signature	S. G.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

337348040US1

PTO-SB-08a-b (07-05)

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				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	6	of	11	Attorney Docket Number	337348040US1

SG	6,990,377	01-24-2006	Gliner et al.	
↓	7,010,351	03-07-2006	Firlik et al.	
✓	7,024,247	04-04-2006	Gliner et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ² -Number ⁴ -Kind Code ³ (if known)				
SG		WO-02-09811	02-07-2002	Neuropace, Inc.		
		WO-95-21591	08-17-1995	University of Iowa Research Foundation		
		WO-02-36003	05-10-2002	Neuropace, Inc.		
		WO-98-06342	02-19-1998	Neotonus, Inc.		
		WO-03-043690	05-30-2003	Vertis Neuroscience, Inc.		
		WO-03-082402	03-26-2003	Vertis Neuroscience, Inc.		
		EP-0 998 958-A2	10-05-2000	Medtronic, Inc.		
		WO-87-07511	12-17-1987	Zion Educational Foundation		
		DE-19750043	05-20-1999	Bartha et al.		
		EP-0319844 A1	06-14-1989	Ad-Tech Medical Instrument Corp.		
		EP-EP 1180056	11-12-2003	Exogen Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and- or country where published.	T ²
SG		BARR, Deborah et al., "Induction and Reversal of Long-Term Potentiation by Low-and High-Intensity Theta Pattern Stimulation," The Journal of Neuroscience, 15(7): pp. 5402-5410 (July 1995)	

Examiner Signature	S-G.	Date Considered	9/13/06
-----------------------	------	--------------------	---------

337348040US1

PTO-SB-08a-b (07-05)

Approved for use through 07-31-2006. OMB 0651-0031

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				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	7	of	11	Attorney Docket Number	337348040US1

S6	BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta Neurochirurgica, Suppl. 52, pp. 121-123 (1991)
	BENABID, A.L. et al, "Chronic electrical stimulation of the ventralis intermedialis nucleus of the thalamus as a treatment of movement disorders," J. Neurosurg., April 1997, 86(4); 737; http://www.ncbi.nlm.nih.gov ; [accessed 11-18-2003]
	BLUESTONE, Avraham Y. et al., "Three-dimensional optical tomography of hemodynamics in the human head," Optics Express, Vol. 9, No. 6, pp: 272-286 (September 10, 2001)
	Brain Electrical Stimulation to Enhance Recovery After Stroke. ClinicalTrials.gov. [Retrieved on 12-22-2005]. Retrieved from the internet <URL http://www.clinicaltrials.gov-ct-show-NCT00085657?order=2 >
	BURNETT, Mark G. et al., "Diffuse optical measurement of blood flow, blood oxygenation, and metabolism in a human brain during sensorimotor cortex activation," Optics Letters, Vol. 29, No. 15, pp: 1766-1768 (August 1, 2004)
	BURY, Scott et al., "The Effects of Behavioral Demand on Motor Cortical and Cerebellar Structural Plasticity After Brain Injury in Adult Rats," [Retrieved on March 1, 2003]. Retrieved from the internet: <URL: http://www.mcmaster.ca.inabis98-schallert-bury0827-index.html >
	BUTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 7, pp. 3661-3665 (March 2000)
	CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation for Advanced Parkinson's Disease: Case Report," Movement Disorders 15(1): 160-171, 2000.
	CAO, Yue et al., "Cortical Language Activation in Stroke Patients Recovering From Aphasia With Functional MRI," Stroke, Vol. 30, pp: 2331-2340, November 1999
	CINCOTTA et al., "Reorganization of the motor cortex in a patient with congenital hemiparesis and mirror movements," Neurology, Vol. 55, pp. 129-131 (2000)
	CLASSEN, et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998)
	COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," The Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)
	CRAMER, S.C. and BASTINGS, E.P., "Mapping clinically relevant plasticity after stroke," Neuropharmacology Vol. 19, No. 5, pp. 842-851 (April 2000)
V	Cytokines Web Clinical Significance. Cytokines Web, 2 pages. [Retrieved on 9-2-2005]. Retrieved from the internet: <URL: http://cmbi.bjmu.edu.cn/cmbidata-cgf-CGF_Database-cytweb-roles-index.html >>

Examiner Signature	S. G.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

337348040US1

PTO-SB-08a-b (07-05)

Approved for use through 07-31-2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	8	of	11	Attorney Docket Number	337348040US1

56	DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996)	
	DE RIDDER, Dirk et al., "Magnetic and electrical stimulation of the auditory cortex for intractable tinnitus," Journal Neurosurg., Vol. 100, pp: 560-564, (March 2004)	
	DI LAZZARO, V. et al., "Theta-burst repetitive transcranial magnetic stimulation suppresses specific excitatory circuits in the human motor cortex," Physiology in Press; published online on April 21, 2005 as 10.1113-jphysio.2005.087288	
	DING, Yuemin et al., "Neural Plasticity After Spinal Cord Injury," Current Pharmaceutical Design Vol. 11, No. 11, pp: 1441-1450, Abstract Only- 1 page (April 2005)	
	DUNCAN, Pamela W. et al., "Defining post-stroke recovery: implications for design and interpretation of drug trials," Neuropharmacology Vol. 39, pp. 835-841 (2000)	
	FEYS et al., "Value of somatosensory and motor evoked potentials in predicting arm recovery after a stroke," (October 1999)	
	HAGEMANN, Georg et al., "Increased Long-Term Potentiation in the Surround of Experimentally Induced Focal Cortical Infarction," Annals of Neurology, Vol. 44, No. 2, pp. 255-258 (August 1998)	
	HAYAKAWA, Toshiji et al., "Changes in Cerebral Oxygenation and Hemodynamics During Obstructive Sleep Apneas," Chest, Vol. 109, pp: 916-921 (1996)	
	HOSHI, Yoko et al., "Detection of dynamic changes in cerebral oxygenation coupled to neuronal function during mental work in a man," Neuroscience Letters, Vol. 150, pp: 5-8 (1993)	
	HOSHINO et al., "Application of multichannel near-infrared spectroscopic topography to physiological monitoring of the cortex during cortical mapping: technical case report," Surgical Neurology, Vol. 64, pp. 272-275 (2005)	
	How Imagent™ Works. ISS Inc., 1 page [Retrieved on 10-14-2005]. Retrieved from the internet: <URL http://www.iss.com-Products-imagent_fmri.html>	
	HUANG, Ying-Zu et al., "Theta Burst Stimulation of the Human Motor Cortex," Neuron, Vol. 45, pp. 201-206 (January 20, 2005)	
	HUMMEL, Friedhelm et al., "Effects of non-invasive cortical stimulation on skilled motor function in chronic stroke," Brain Advance Access, January 5, 2005, pp 1-10, Brain	
V	Imagent™ Functional Brain Imaging System. ISS, Inc., 2 pages [Retrieved on 10-14-2005]. Retrieved from the internet: <URL http://www.iss.com-Products-imagent.html>	

Examiner Signature	S. B.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

337348040US1

PTO-SB-08a-b (07-05)

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				First Named Inventor	Jeffrey Balzer
				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	9	of	11	Attorney Docket Number	337348040US1

56	Imagent™ functional Near Infrared Imaging System (fNIRS) Brain Imaging Using Infrared Photons. ISS Inc., 8 pages [Retrieved on 10-14-2005]. Retrieved from the internet: <URL http://www.iss.com-products-imagent-imagent™.pdf>
	International Search Report for PCT-US03-38986; May 2004; Applicant: Northstar Neuroscience, Inc. (7 pgs)
	JANICEK, Milos J. et al., "Dynamic Infrared Imaging of Newly Diagnosed Malignant Lymphoma Compared with Gallium-67 and Fluorine-18 Fluorodeoxyglucose (FDG) Positron Emission Tomography," Technology in Cancer Research and Treatment, Vol. 2, No. 6, pp: 571-577 (December 2003)
	KEYVANI, Kathy et al., "Suppression of proteasome C2 contralateral to ischemic lesions in rat brain," Brain Research, Vol. 858, pp: 386-392, 2000
	KILGARD, Michael et al., "Cortical Map Reorganization Enabled by Nucleus Basalis Activity," Science, Vol. 279, pp 1714-1717 (March 13, 1998)
	LANG, Nicolas et al., "Preconditioning with Transcranial Direct Current Stimulation Sensitizes the Motor Cortex to Rapid-Rate Transcranial Magnetic Stimulation and Controls the Direction of After-Effects," Biol Psychiatry 2004;56:634-639, 2004 Society of Biological Psychiatry
	LARSON, John et al., "Reversal of LTP by theta frequency stimulation," Brain Research, 600: pp. 97-102 (1993)
	LAZAR, M. et al., "White Matter Tractography Using Diffusion Tensor Deflection," Human Brain Mapping, 18:306-321, (2003)
	L-DOPA dyskinesias. BioChemistry of PD. [Retrieved on 12-22-2005]. Retrieved from the internet <URL http://www.mayo.edu-fdp-pd-info-dyskinesias.htm>
	MANSUR, C.G., et al., "A sham stimulation-controlled trial of rTMS of the unaffected hemisphere in stroke patients," Neurology, Vol. 64, pp. 1802-1804 (2005)
	MARTIN et al, "Transcranial Magnetic Stimulation as a Complementary Treatment for Aphasia," Semin Speech Language, Vol. 25, pp: 181-191 (2004) Abstract Only- 1 page
	MEYERSON, B.A. et al., "Motor Cortex Stimulation as Treatment of Trigeminal Neuropathic Pain", Acta Neurochirurgica Supplementum, Vol. 58, pp: 150-153 (1993)
	NITSCHKE, Michael A. et al., "Level of action of cathodal DC polarisation induced inhibition of the human motor cortex," December 2, 2002, Clinical Neurophysiology 114 (2003) 600-604
	NITSCHKE, Michael A., et al. "Facilitation of Implicit Motor Learning by Weak Transcranial Direct Current Stimulation of the Primary Motor Cortex in the Human," Journal of Cognitive Neuroscience 15:4, pp 619-626, 2003 Massachusetts Institute of Technology
V	NUDO, Randolph J., et al., "Recovery after damage to motor cortical areas," Current Opinion in Neurobiology, Vol. 9, Issue 6, pp: 740-747, December 1, 1999

Examiner Signature	S. G.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

337348040US1

PTO-SB-08a-b (07-05)

Approved for use through 07-31-2008. OMB 0651-0031

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				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	10	of	11	Attorney Docket Number	337348040US1

56	PANCHANATHAN, Sethuraman et al., "Rehabilitation of patients with hemispatial neglect using visual-haptic feedback in Virtual reality environment," [Retrieved on 12-22-2005]. Retrieved from the internet <URL <http://www.public.asu.edu/~tmcdani-publications.htm>>
	PAULUS, W., "Supplements to Clinical Neurophysiology," Transcranial Magnetic Stimulation and Transcranial Direct Current Stimulation (Supplements to Clinical Neurophysiology; Vol 56), pp 249-254, 2003 Elsevier Science, B.V.
	PAULUS, Walter, "Toward Establishing a Therapeutic Window for rTMS by Theta Burst Stimulation," Neuron, Vol. 45, pp. 181-183 (January 20, 2005)
	PENN, Michael, "Stemming Parkinson's," on Wisconsin Alumni Magazine, Summer 2003, [Retrieved on 12-22-2005]. Retrieved from the internet <URL http://www.uwalumni.com-onwisconsin-2003_summer-research.html>
	SCHAEFER, Pamela W. et al., "Assessing Tissue Viability with MR Diffusion and Perfusion Imaging," AJNR, 24: pp.436-443 (March 2003)
	SCHIENE, Klaus et al., "Neuronal Hyperexcitability and Reduction of GABA-Receptor Expression in the Surround of Cerebral Photothrombosis," Journal of Cerebral Blood Flow and Metabolism, Vol. 16, No. 5, pp. 906-914 (1996)
	SCIRun. Scientific Computing and Imaging Institute, 2 pages. [Retrieved on 7-24-2005]. Retrieved from the internet: <URL: <http://software.sci.utah.edu-scirun.html>>
	STRANGMAN, Gary et al., "A Quantitative Comparison of Simultaneous BOLD fMRI and NIRS Recordings during Functional Brain Activation," NeuroImage, Vol. 17, pp: 719-731 (2002)
	STRANGMAN, Gary et al., "Factors affecting the accuracy of near-infrared spectroscopy concentration calculations for focal changes in oxygenation parameters," NeuroImage, Vol. 18, pp: 865-879 (2003)
	STRANGMAN, Gary et al., "Non-Invasive Neuroimaging Using Near-Infrared Light," Biological Psychiatry, Vol. 52, pp: 679-693 (2002)
	STRENS, Lucy et al., "The Ipsilateral Human Motor Cortex Can Functionally Compensate for Acute Contralateral Motor Cortex Dysfunction," Current Biology, Vol 13, pp 1201-1205, July 15, 2003
	TAGA, Gentaro et al., "Brain imaging in awake infants by near-infrared optical topography," PNAS, Vol. 100, No. 19, pp:10722-10727 (September 16, 2003)
	TANG, Cha-Min et al., "Optical Coherence Tomography of the Human Basal Ganglion," Deep Brain Stimulation Consortium Meeting Program Book, September 29-30, 2003, Washington DC
V	The GES 250 for Dense-Array EEG Research. Electrical Geodesics, Inc., 3 pages. [Retrieved on 8-25-2005]. Retrieved from the internet: <URL: http://www.egi.com-ges250r_n.html>

Examiner Signature	S. E.	Date Considered	9/13/06
--------------------	-------	-----------------	---------

337348040US1

PTO-SB-08a-b (07-05)

Approved for use through 07-31-2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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				First Named Inventor	Jeffrey Balzer
				Art Unit	3762
				Examiner Name	S. M. Getzow
Sheet	11	of	11	Attorney Docket Number	337348040US1

56		The INVOS Cerebral Oximeter. Somanetics, 1 page [Retrieved on 12-22-2005]. Retrieved from the internet <URL <http://www.somanetics.net-invos.htm>>	
		THEORET, Hugo et al., "Exploring Paradoxical Functional Facilitation with TMS," Supplements to Clinical Neurophysiology, Vol. 56, pp: 211-219 (2003)	
		THOMAS, Camen et al., "Do Children with aggressive behavior have temporal lobe changes?" Alasbimn Journal, Year 5, No. 19, 8 pages (January 2003)	
		TIMMERMANN, Lars et al., "The cerebral oscillatory network of parkinsonian resting tremor," Brain, Vol. 26, pp: 199-212, (2003)	
		TORONOV, Vlad et al., "Near-infrared study of fluctuations in cerebral hemodynamics during rest and motor stimulation: Temporal analysis and spatial mapping," Medical Physics, Vol. 27, No. 4, pp: 801-815 (April 2000)	
		Tractography. Absolute Astronomy Reference, 2 pages. [Retrieved on 7-24-2005]. Retrieved from the internet: <URL: http://www.absoluteastronomy.com-encyclopedia-T-Tr- Tractography.htm>	
		TSUBOKAWA, T. et al., "Chronic Motor Cortex Stimulation for the Treatement of Central Pain", Acta Neurochirurgica Supplementum, Vol. 52, pp: 137-139 (1991)	
		TSUBOKAWA, T. et al., "Treatment of Thalamic Pain by Chronic Motor Cortex Stimulation", PACE, Vol. 14, pp: 131-134 (January 1991)	
		TSUBOKAWA, T., "Chronic Motor Cortex Stimulation in Patients with Thalamic Pain," J. Neurosurg 78:393-401, (March 1993)	
		TUCH, D. et al., "Conductivity Tensor Mapping of the Human Brain Using Diffusion Tensor MRI," Neurobiology, Vol. 98, No. 20, pp. 11697-11701, September 25, 2001	
		WEINAND, Martin E. et al., "Cerebral blood flow and temporal lobe epileptogenicity," [Retrieved on December 22, 2005]. Retrieved from the internet: <URL http://www.aans.org-education-journal-neurosurgical-nov96-1-5-3.asp>	
V		YOKOH, Arika et al., "Intermittent versus continuous brain retraction," Journal of Neurosurgery, Vol. 58, pp: 918-923 (June 1983)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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